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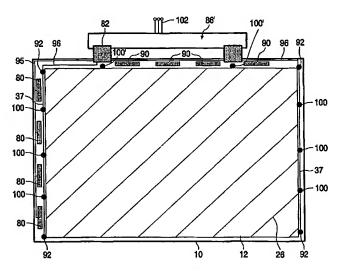
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[Continued on next page]

(54) Title: ACTIVE MATRIX DISPLAY DEVICES



(57) Abstract: In an active matrix display device, particularly an AMLCD, having an array of display pixels (8) and comprising pixel electrodes (16), associated switches (22), and address lines (18, 20) carried on a first substrate (10), a common electrode (26) carried on a second substrate (12), a drive circuit (40, 80) carried on the first substrate (10) including at least one conductor line (96) providing a drive voltage for the common electrode (26) and to which the common electrode (26) is connected (92), the common electrode (26) on the second substrate is utilised to provide also electrical connection between the one conductor line (96) and at least one other circuit element (37) carried on the first substrate (10). The use of the common electrode in this way assists in avoiding problems due to resistances of connections formed on the first substrate. The connection to a storage capacitor line (37, 36) may benefit especially. The common electrode (26) may be connected to the circuit elements on the first substrate via contact material (92, 100) extending across the gap between the two substrates.



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G02F1/1345 G02F1/13

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{G02F} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal, WPI Data, IBM-TDB, INSPEC, COMPENDEX

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χ Furt	her documents are listed in the continuation of box C.	χ Patent family members are listed	i in annex.
"A" docum consi "E" earlier filing of the color which citatic "O" docum other "P" docum	ategories of cited documents: ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the International date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another in or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but han the priority date claimed	"T" later document published after the int or priority date and not in conflict with cited to understand the principle or the invention of particular relevance; the cannot be considered novel or cannot involve an inventive step when the decument of particular relevance; the cannot be considered to involve an indocument is combined with one or ments, such combination being obvicin the art. "&" document member of the same patern	n the application but the application but the considered to courant is taken alone claimed invention invention inventive step when the lore other such docupous to a person skilled
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